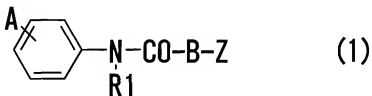


AMENDMENTS TO THE CLAIMS

The following listing of the claims replaces all prior versions of the claims presented in the application.

Claim 1 (Currently amended): A compound represented by formula (1):



~~(wherein~~ wherein,

R2 represents a hydrogen atom or a C₁₋₆ alkyl group which may be substituted,

A represents an imidazolyl group or a pyrazolyl group represented by the following formulae:

~~(wherein~~ wherein,

R2 and R3 represent a hydrogen atom or a C₁₋₆ alkyl group which may be substituted by G1,

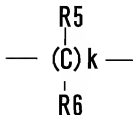
R4 represents a hydrogen atom or a C₁₋₆ alkyl group which may be substituted by G1, a C₁₋₆ alkylcarbonyl group which may be substituted by G1, or a benzoyl group which may be substituted by G1,

n represents 0 or an integer of 1 to 3,

p represents 0 or an integer of 1 or 2, and

R2 and R3 may be identical to each other, or different from each other, when n and p are 2 or more[()],

B represents a group represented by the following formula:



(~~wherein~~ wherein,

R5 and R6 each independently represents a hydrogen atom, a cyano group, a hydroxyl group, a halogen atom, a C₁₋₆ alkyl group, a C₁₋₆ alkoxy group, a C₂₋₆ alkenyl group, a C₂₋₆ alkynyl group, a C₂₋₆ alkenyloxy group, a C₂₋₆ alkynloxy group, a C₁₋₆ acyloxy group, or a C₃₋₆ cycloalkyl group, or a phenyl group which may have a substituent,

k represents 0 or an integer of 1 to 15, and

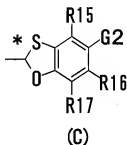
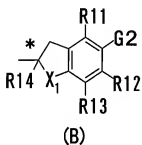
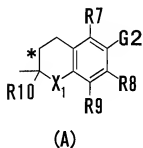
R5 and R6 may be identical to each other, or different from each other, when k is 2 or more[[]], and

Z represents a chroman-2-yl group which is substituted by G2, a 2,3-dihydrobenzofuran-2-yl group which is substituted by G2, a thiochroman-2-yl group which is substituted by G2, a 2,3-dihydrobenzothiophene-2-yl group which is substituted by G2, or a 1,3-benzoxathiol-2-yl group which is substituted by G2,

G1 represents a cyano group, a formyl group, a hydroxyl group, an amino group, a dimethylamino group, or a halogen atom,

G2 is represented by the following formula: NHR (wherein R represents a hydrogen atom, a C₁₋₆ alkylcarbonyl group, or a benzoyl group which may have a substituent[[]]), or a pharmaceutically acceptable salt thereof.

Claim 2 (original): A compound or pharmaceutically acceptable salt according to claim 1, wherein z is a group represented by the following formula (A), (B) or (C):



(wherein

* represents an asymmetric carbon atom,

X1 represents an oxygen atom or a sulfur atom,

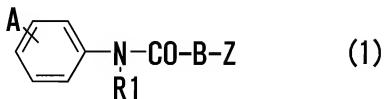
R7 to R17 each independently represents a hydrogen atom or a C₁₋₆ alkyl group, and

G2 is represented by the following formula: NHR

(wherein R represents a hydrogen atom, a C₁₋₆ alkylcarbonyl group, or a benzoyl group which may have a substituent)).

Claim 3 (previously presented): A compound or pharmaceutically acceptable salt according to claim 1, wherein A is 1-imidazolyl or 1-H-pyrazole-5-yl which is substituted at the fourth position on the benzene ring.

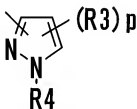
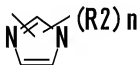
Claim 4 (withdrawn): A production process of a compound represented by formula (1):



(wherein,

R1 represents a hydrogen atom or a C₁₋₆ alkyl group which may be substituted,

A represents an imidazolyl group or a pyrazolyl group represented by the following formulae:



(wherein

R2 and R3 represent a hydrogen atom or a C₁₋₆ alkyl group which may be substituted by G1,

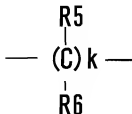
R4 represents a hydrogen atom or a C₁₋₆ alkyl group which may be substituted by G1, a C₁₋₆ alkylcarbonyl group which may be substituted by G1, or a benzoyl group which may be substituted by G1,

n represents 0 or an integer of 1 to 3,

p represents 0 or an integer of 1 or 2, and

R2 and R3 may be identical to each other, or different from each other, when n and p are 2 or more),

B represents a group represented by the following formula:



(wherein

R5 and R6 each independently represents a hydrogen atom, a cyano group, a hydroxyl group, a halogen atom, a C₁₋₆ alkyl group, a C₁₋₆ alkoxy group, a C₂₋₆ alkenyl group, a C₂₋₆ alkynyl group, a C₂₋₆ alkenyloxy group, a C₂₋₆ alkynloxy group, a C₁₋₆ acyloxy group, or a C₃₋₆ cycloalkyl group, or a phenyl group which may have a substituent,

k represents 0 or an integer of 1 to 15, and

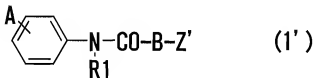
R5 and R6 may be identical to each other, or different from each other, when k is 2 or more),

Z represents a chroman-2-yl group which is substituted by G2, a 2,3-dihydrobenzofuran-2-yl group which is substituted by G2, a thiochroman-2-yl group which is substituted by G2, a 2,3-dihydrobenzothiophene-2-yl group which is substituted by G2, or a 1,3-benzoxathiol-2-yl group which is substituted by G2,

G1 represents a cyano group, a formyl group, a hydroxyl group, an amino group, a dimethylamino group, or a halogen atom, and

G2 is represented by the following formula: NHR (wherein R represents a hydrogen atom, a C₁₋₆ alkylcarbonyl group, or a benzoyl group which may have a substituent),
comprising:

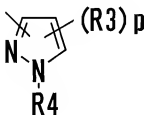
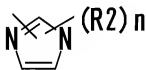
a step 1 in which a compound represented by the following formula (1')



(wherein

R1 represents a hydrogen atom or a C₁₋₆ alkyl group which may be substituted,

A represents an imidazolyl group or a pyrazolyl group represented by the following formulae:



(wherein

R2 and R3 represent a hydrogen atom or a C₁₋₆ alkyl group which may be substituted by G1,

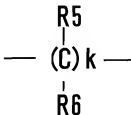
R4 represents a hydrogen atom or a C₁₋₆ alkyl group which may be substituted by G1, a C₁₋₆ alkylcarbonyl group which may be substituted by G1, or a benzoyl group which may be substituted by G1,

n represents 0 or an integer of 1 to 3,

p represents 0 or an integer of 1 or 2, and

R2 and R3 may be identical to each other, or different from each other, when n and p are 2 or more)),

B represents a group represented by the following formula:



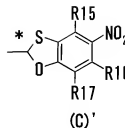
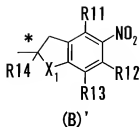
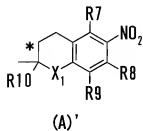
(wherein

R5 and R6 each independently represents a hydrogen atom, a cyano group, a hydroxyl group, a halogen atom, a C₁₋₆ alkyl group, a C₁₋₆ alkoxy group, a C₂₋₆ alkenyl group, a C₂₋₆ alkynyl group, a C₂₋₆ alkenyloxy group, a C₂₋₆ alkynloxy group, a C₁₋₆ acyloxy group, or a C₃₋₆ cycloalkyl group, or a phenyl group which may have a substituent,

k represents 0 or an integer of 1 to 15, and

R5 and R6 may be identical to each other, or different from each other, when k is 2 or more),
and

Z' is represented by the following formula (A)', (B)', or (C)':



(wherein

* represents an asymmetric carbon atom,

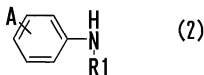
X1 represents an oxygen atom or a sulfur atom,

R7 to R17 each independently represents a hydrogen atom or a C₁₋₆ alkyl group, and

G2 is represented by the following formula: NHR

(wherein R represents a hydrogen atom, a C₁₋₆ alkylcarbonyl group, or a benzoyl group which may have a substituent))

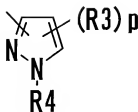
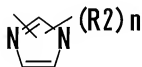
is produced by reacting an amine compound represented by formula (2):



(wherein

R1 represents a hydrogen atom or a C₁₋₆ alkyl group which may be substituted, and

A represents an imidazolyl group or a pyrazolyl group represented by the following formulae:



(wherein

R2 and R3 represent a hydrogen atom or a C₁₋₆ alkyl group which may be substituted by G1,

R4 represents a hydrogen atom or a C₁₋₆ alkyl group which may be substituted by G1, a C₁₋₆ alkylcarbonyl group which may be substituted by G1, or a benzoyl group which may be substituted by G1,

n represents 0 or an integer of 1 to 3,

p represents 0 or an integer of 1 or 2, and

R2 and R3 may be identical to each other, or different from each other, when n and p are 2 or more))

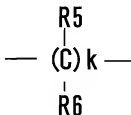
with a compound represented by the following formula (3):



(wherein

Y represents a hydroxyl group or a halogen atom,

B represents a group represented by the following formula:



(wherein

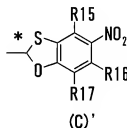
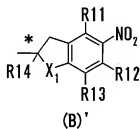
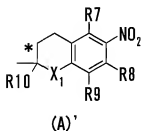
R5 and R6 each independently represents a hydrogen atom, a cyano group, a hydroxyl group, a halogen atom, a C₁₋₆ alkyl group, a C₁₋₆ alkoxy group, a C₂₋₆ alkenyl group, a C₂₋₆ alkynyl group, a C₂₋₆ alkenyloxy group, a C₂₋₆ alkynloxy group, a C₁₋₆ acyloxy group, or a C₃₋₆ cycloalkyl group, or a phenyl group which may have a substituent,

k represents 0 or an integer of 1 to 15, and

R5 and R6 may be identical to each other, or different from each other, when k is 2 or more)

and

Z' is represented by the following formula (A)', (B)', or (C)':



(wherein

* represents an asymmetric carbon atom,

X1 represents an oxygen atom or a sulfur atom,

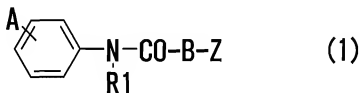
R7 to R17 each independently represents a hydrogen atom or a C₁₋₆ alkyl group, and

G2 is represented by the following formula: NHR

(wherein R represents a hydrogen atom, a C₁₋₆ alkylcarbonyl group, or a benzoyl group which may have a substituent)); and

a step 2 in which the nitro compound produced in the step 1 is converted to an amino group using a reducing agent.

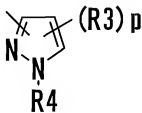
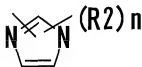
Claim 5 (original): An antioxidant comprising as its active ingredient at least one compound represented by formula (1):



(wherein

R1 represents a hydrogen atom or a C₁₋₆ alkyl group which may be substituted,

A represents an imidazolyl group or a pyrazolyl group represented by the following formulae:



(wherein

R2 and R3 represent a hydrogen atom or a C₁₋₆ alkyl group which may be substituted by G1,

R4 represents a hydrogen atom or a C₁₋₆ alkyl group which may be substituted by G1, a C₁₋₆ alkylcarbonyl group which may be substituted by G1, or a benzoyl group which may be substituted by G1,

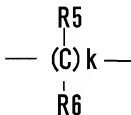
n represents 0 or an integer of 1 to 3,

p represents 0 or an integer of 1 or 2, and

R2 and R3 may be identical to each other, or different from each other, when n and p are 2 or more)),

B represents a group represented by the following formula:

(wherein



R5 and R6 each independently represents a hydrogen atom, a cyano group, a hydroxyl group, a halogen atom, a C₁₋₆ alkyl group, a C₁₋₆ alkoxy group, a C₂₋₆ alkenyl group, a C₂₋₆ alkynyl group, a C₂₋₆ alkenyloxy group, a C₂₋₆ alkynloxy group, a C₁₋₆ acyloxy group, or a C₃₋₆ cycloalkyl group, or a phenyl group which may have a substituent,

k represents 0 or an integer of 1 to 15, and

R5 and R6 may be identical to each other, or different from each other, when k is 2 or more),

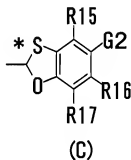
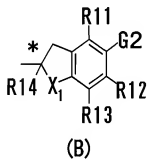
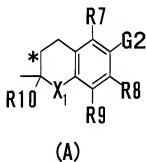
Z represents a chroman-2-yl group which is substituted by G2, a 2,3-dihydrobenzofuran-2-yl group which is substituted by G2, a thiochroman-2-yl group which is substituted by G2, a 2,3-

dihydrobenzothiophene-2-yl group which is substituted by G2, or a 1,3-benzoxathiol-2-yl group which is substituted by G2,

G1 represents a cyano group, a formyl group, a hydroxyl group, an amino group, a dimethylamino group, or a halogen atom, and

G2 is represented by the following formula: NHR (wherein R represents a hydrogen atom, a C₁₋₆ alkylcarbonyl group, or a benzoyl group which may have a substituent) or a pharmaceutically acceptable salt thereof.

Claim 6 (original): An antioxidant according to claim 5, wherein in formula (1) z is represented by the following formula (A), (B), or (C):



(wherein

* represents an asymmetric carbon atom,

X1 represents an oxygen atom or a sulfur atom,

R7 to R17 each independently represents a hydrogen atom or a C₁₋₆ alkyl group, and

G2 is represented by the following formula: NHR

(wherein R represents a hydrogen atom, a C₁₋₆ alkylcarbonyl group, or a benzoyl group which may have a substituent)).

Claim 7 (withdrawn): A kidney disease, cerebrovascular or cardiovascular disease treatment agent characterized by comprising the antioxidant according to claim 6.

Claim 8 (withdrawn): A cerebral infarction treatment agent characterized by comprising the antioxidant according to claim 6.

Claim 9 (withdrawn): A retinal oxidation disorder inhibitor characterized by comprising the antioxidant according to claim 6.

Claim 10 (withdrawn): A retinal oxidation disorder inhibitor according to claim 9 for age-related macular degeneration or diabetic retinopathy.

Claim 11 (withdrawn): A lipoxygenase inhibitor characterized by comprising the antioxidant according to claim 6.

Claim 12 (withdrawn): A 20-hydroxyeicosatetraenoic acid (20-HETE) synthase inhibitor characterized by comprising the antioxidant according to claim 6.

Claim 13 (previously presented): A compound or pharmaceutically acceptable salt according to claim 2, wherein A is 1-imidazolyl or 1-H-pyrazole-5-yl which is substituted at the fourth position on the benzene ring.

Claim 14 (previously presented): A compound or pharmaceutically acceptable salt according to claim 1, wherein R1 is a hydrogen atom, A is 4-(1H-pyrazole-5-yl), k is 0, and Z is represented by the following formula:

